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REF. GEM-0042 / 122938 / 122941

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Patent Number: 6,850,588 B2  
Issued: February 1, 2005

Name of Patentee: Jerome Stephen Arenson, et al.

Title of Invention: RADIATION EXPOSURE LIMITING SCHEME

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction  
Branch of the Patent Issue Division

**Certificate**  
JUL 07 2006  
**of Correction**

Sir:

It is noted that errors appear in this patent of a typographical nature or character, as more fully described below. The mistake incurred through the fault of the Patent and Trademark Office. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on	
June 29, 2006 (Date of Deposit)	
Rosemarie Barbara (Name of Person Mailing Paper)	
Rosemarie Barbara	6-29-06
Signature	Date

JUL 07 2006

The errors appear in the body of the patent: Title Page (56) References Cited; (75) Inventors; column 3, lines 45 and 48; column 6, lines 17, 64-67; and column 7, lines 1-16.

Please send the Certificate of Correction to:

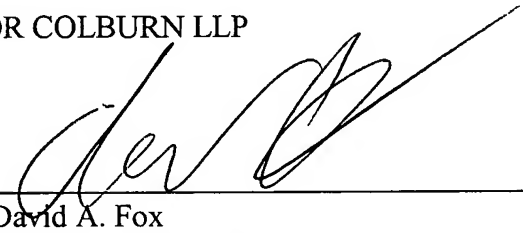
Cantor Colburn LLP  
55 Griffin Road South  
Bloomfield, Connecticut 06002

Patentees believe that no fee is due; however, if there are any additional charges with respect to this request or otherwise, please charge them to Deposit Account No. 06-1130 maintained by Patentees' attorneys.

Respectfully submitted,

CANTOR COLBURN LLP

By: \_\_\_\_\_

  
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Registration No. 38,807  
55 Griffin Road South  
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Date: June 29, 2006

JUL 07 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,850,588 B2

Page 1 of 2

DATED : February 1, 2005

INVENTOR(S) : Jerome Stephen Arenson, et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page,

Item (56) References Cited, U.S. Patent Documents, insert -6,028,909, 2/2000, Zmora.....378/15--.  
Item (75) Inventors, after "Haifa (IL); delete "Haim E. Gelman, Migdal Haemek (IL);".

Column 3,

Line 45, after "embodiment; " insert therefor --and--.

Column 6,

Line 17, after "radiation", insert therefor --absorption--.

Lines 64-67, delete "Referring to FIG. 6, the radiation intensity level 48 may also be controlled in a manner responsive to entry location 40 and/or entry angular range 50 so as to prevent radiation from being emitted from imaging system 1 while the gantry".

Column 7,

Lines 1-11, delete "angular position approaches the entry location 40 and/or is within entry angular range 50. Radiation may be prevented from being emitted from imaging system 1 via any means suitable to the desired end purpose, such as by an electrical means (switch), a mechanical means (shutter) and/or an electro-mechanical means. This reduces and/or eliminates radiation exposure to a physician's hand while allowing the interventional procedure to continue. Moreover, direct radiation to the physician's hand will be eliminated while indirect radiation will be dramatically reduced by the absorption of the patient's body."

MAILING ADDRESS OF SENDER:

PATENT NO. 6,850,588 B2

Cantor Colburn LLP  
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Bloomfield, CT 06002

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, (continued)

Lines 12-16, delete "This image data is then processed so as to create processed image data, as shown in step 108. This advantageously allows for a significant dose reduction to the physician during interventional procedures using a FluoroCT scan while preserving patient dose and image quality."

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